LumiGram®
Light for style

User's Manual

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The light emitted by the Fiber Optics Fabric is hardly visible in direct sunlight or broad daylight.
It is best viewed in shadowed or dark settings.

DO NOT FOLD THE FABRIC perpendicularly to the optical fibers. This might break the fibers and permanently damage the fabric. LumiGram will not be liable for damages due to folding.

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Our products include ultra-bright LEDs.
If you disconnect an optical module or disassemble our products, please be careful:

- **Never look right into the LED from short distance** or during a longer period.
- Ultra-bright LEDs are definitely NOT A TOY and must be kept out of reach of children
- Conscious looking into the LED for any length of time will lead to permanent damage of the retina.

Light control:

For battery powered items, the lighting of the item is controlled by an on/off switch located on the battery box.
The switch can be set directly through the fabric, without extracting the battery box from its pocket.

Handling:

The Fiber Optics Fabric is as fast as any other synthetic fabric. However, unlike other synthetic fabrics, you should **NEVER FOLD THE FIBER OPTIC FABRIC perpendicularly to the optical fibers**, so that the fibers are creased, otherwise this may permanently damage or break the optical fibers.
If it is necessary to fold the material along a line perpendicular to the direction of the fibers, then a roll of suitable material can be used. The bubble wrap material which was used in the packaging of your product can be used as shown in the image below. When folded around the protective material as shown, the fibers should form a gentle curve so that they are not creased in any way. The Fiber Optic Fabric can safely be folded (with ca he fo

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Storage:

In order to avoid damages due to folding when storing large items (eg. tablecloths…), we recommend that the item be rolled up around a roll of minimum 10cm (4 inches) diameter.

Washing & care:

The Fiber Optics Fabric can be gently hand washed with water up to 50°C and natural soap.
The batteries must be mandatory removed prior to washing. **DO NOT IMMERSE the textile borders enclosing the electronics** (batteries, LEDs). The Fiber Optics Fabric must not be washed in washing machine, folded (pressed) or dried.
DO NOT IRON THE FIBER OPTIC FABRIC. In order to smooth your fiber optics item out, simply hang it after washing out.

Technical Specs:

Battery powered items: powered by 1.5V replaceable batteries (included) or rechargeable batteries, which will light the item for roughly 8 to 12 hours. A small switch on the battery box allows to light the fiber on/off. The LEDs lifespan is more than 50 000 hrs.
Heterogeneity and differences of light emission on the fiber optics fabric are an intrinsic feature of the product and therefore can not be considered as defects.

Composition:

50% PL, 40% PMMA, 10% PA6